BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2018-19/OW/WORK_INDENT34056

APPROVED SCHEDULE - B

.E/BTP/BBMP/E-PMT/19/2018-19, Date: 06.02.2019

Providing Drinking water by Sinking of Borewell and pipelines in ward no 10 (Doddabommasandra)

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of A CHIRANJEEVI ( )		
				In Figures		In Words
1	1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each BW	1541.0	1541.00	Rupees One Thousand Five Hundred Forty One Only
2	50	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m	Rmtr	250.0	12500.00	Rupees Two Hundred Fifty Only
3	50	50 to 100 m	Rmtr	327.0	16350.00	Rupees Three Hundred Twenty Seven Only
4	50	100 to 150 m	Rmtr	365.0	18250.00	Rupees Three Hundred Sixty Five Only
5	50	150 to 200 m	Rmtr	384.0	19200.00	Rupees Three Hundred Eighty Four Only
6	50	200 to 250 m	Rmtr	445.0	22250.00	Rupees Four Hundred Forty Five Only
7	50	250 to 300 m	Rmtr	477.0	23850.00	Rupees Four Hundred Seventy Seven Only
8	70	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1053.0	73710.00	Rupees One Thousand Fifty Three Only
9	18	Code No.: 3008 Providing 250mm dia PVC Pipe 10kg/cm etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1751.0	31518.00	Rupees One Thousand Seven Hundred Fifty One Only

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10	1	Providing and fixing Borewell Cap and Clamp Set etc., complete and as per the directions of the Engineer-in-charge of the work	Set	1431.0	1431.00	Rupees One Thousand Four Hundred Thirty One Only
11	1	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps etc., complete and as per the directions of the Engineer-in-charge of the work	No	44849.0	44849.00	Rupees Forty Four Thousand Eight Hundred Forty Nine Only
12	260	Providing GI Pipe 50 mm 'B' Class etc., complete and as per the directions of the Engineer-in-charge of the work	m	329.0	85540.00	Rupees Three Hundred Twenty Nine Only
13	44	Providing Collar 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work	No	143.0	6292.00	Rupees One Hundred Forty Three Only
14	540	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 4 Sqm mm etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	100.0	54000.00	Rupees One Hundred Only
15	44	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work	No	69.0	3036.00	Rupees Sixty Nine Only
16	1	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete and as per the directions of the Engineer-in-charge of the work	Each	240.0	240.00	Rupees Two Hundred Forty Only
17	30	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	111.0	3330.00	Rupees One Hundred Eleven Only
18	30	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6Sqmm to 16 Sqmm) etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	8.0	240.00	Rupees Eight Only
19	25	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	67.0	1675.00	Rupees Sixty Seven Only

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20	4	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	274.0	1096.00	Rupees Two Hundred Seventy Four Only
21	1	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No.	222.0	222.00	Rupees Two Hundred Twenty Two Only
22	1	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, etc., complete and as per the directions of the Engineer-in-charge of the work	No	2167.0	2167.00	Rupees Two Thousand One Hundred Sixty Seven Only
23	6	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No.	143.0	858.00	Rupees One Hundred Forty Three Only
24	1	Providing and fixing 50mm nominal bore gun metal non-return etc., complete and as per the directions of the Engineer-in-charge of the work	Nos	1431.0	1431.00	Rupees One Thousand Four Hundred Thirty One Only
25	1	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN etc., complete and as per the directions of the Engineer-in-charge of the work	No	1229.0	1229.00	Rupees One Thousand Two Hundred Twenty Nine Only
26	23400	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete and as per the directions of the Engineer-in-charge of the work	Sq	0.26	6084.00	and Twenty Six Paise Only
27	1	Providing outdoor panel upto 15.00 HP etc., complete and as per the directions of the Engineer-in-charge of the work	No.	12322.0	12322.00	Rupees Twelve Thousand Three Hundred Twenty Two Only
28	648	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. Hard Soil etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	149.0	96552.00	Rupees One Hundred Forty Nine Only
29	1800	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	97.0	174600.00	Rupees Ninety Seven Only

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	Qty	Description	Unit	Approved Tender Rates of A CHIRANJEEVI ( )		
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30	648	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	48.0	31104.00	Rupees Forty Eight Only
31	1	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.- for 50mm dia: etc., complete and as per the directions of the Engineer-in-charge of the work	Each	176.0	176.00	Rupees One Hundred Seventy Six Only
32	18	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each	1772.0	31896.00	Rupees One Thousand Seven Hundred Seventy Two Only
					779539.00	

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